

ABSTRACT

[0062] A water-swelling composition adapted to be secured to an area of potential water flow in the form of a flexible cohesive mass comprising about 10% to about 90% by weight of a water-swellable layered material; about 1% to about 30% by weight of an elastomer; about 8% to about 65% by weight of a material selected from the group consisting of polypropene, polybutene, and a mixture thereof; and about 0.1% to about 20% by weight of a clay binder selected from group consisting of (1) an onium ion-liberating compound that is ion-exchanged with platelet cations of the layered material, (2) a coupling agent that is reacted with the layered material, and (3) a combination thereof.